

CLAIM

- Sub B1
1. An electrode plate for battery characterized by using a current collector, to the surface of which a boehmite treatment is applied, in at least one of the electrode plate for positive electrode and electrode plate for negative electrode.
 2. A battery using the electrode plate for battery as cited in Claim 1.
 3. The electrode plate for battery as cited in Claim 1, wherein the thickness of a thin coating formed on the current collector surface by a boehmite treatment ranges from 0.5 μm to 5 μm .
 4. The battery as cited in Claim 2, wherein the thickness of a thin coating formed on the current collector surface by a boehmite treatment ranges from 0.5 μm to 5 μm .
 5. An electrode plate for battery characterized by using a current collector, to the surface of which a boehmite treatment is applied, in the positive electrode plate.
 6. A production method of a positive electrode plate for lithium secondary battery, the method comprising the steps of:
forming a chrome oxide layer on the surface of a current collector, which is formed of a metallic foil, by applying a chromate treatment thereto;
applying a coating of a paste containing an electrode active material to said current collector; and
drying the paste.
 7. A lithium secondary battery using a positive electrode plate that is produced according to the production method as cited in Claim 6.
- add B2